ABSTRACT

The present invention relates to a method for displaying picture frames using single field data in interlaced encoded image data having a two-field structure.

5   This method comprises the steps of: performing inverse quantization of the interlaced encoded image data to obtain DCT (Discrete Cosine Transform) coefficients of each of the field blocks; selecting one of two fields forming each picture frame; adding zero values after the DCT coefficients of each of field block in the selected field in order to obtain compensated DCT coefficients having a data size corresponding to one frame

10   block; and performing inverse DCT of the compensated DCT coefficients to obtain image data for each frame block. According to this method, there is no time-lag between the odd and even numbered scanning lines in the reproduced picture frames, and the dynamic images are clear even if the motion of the images is fast.